

We claim:

1. An apparatus, comprising:

a first signal point;
a second signal point;
a third signal point;

a first signal receiving means coupled between said first signal point and said third signal point for receiving a first RF signal, said first signal receiving means down-converting said first RF signal for providing a first down-converted signal at said third signal point;

a second signal receiving means coupled between said second signal point and said third signal point for receiving a second RF signal, said second signal receiving means down-converting said second RF signal for providing a second down-converted signal at said third signal point; and

a signal transmitting means coupled between said first and second signal points and said third signal point for receiving a third RF signal from said third signal point, said signal transmitting means up-converting said third RF signal for selectively providing an up-converted signal at one of said first and second signal points in response to a selection signal.

2. The apparatus of claim 1, wherein said first down-converted signal, said second down-converted signal, and said third RF signal are present at said third signal point simultaneously.

3. The apparatus of claim 1, further comprising:
control means for generating said selection signal in response to a control signal from an indoor unit.

4. The apparatus of claim 2, further comprising:
control means for generating said selection signal in response to a control signal from an indoor unit.

5. The apparatus of claim 4, wherein said control signal is being present at said third signal point simultaneously with said first down-converted signal, said second down-converted signal and said third RF signal.

6. The apparatus of claim 5, wherein a GPS signal is being present simultaneously at said third signal point with said control signal, said first down-converted signal, said second down-converted signal and said third RF signal.

7. The apparatus of claim 1, wherein said first RF signal includes one of a television signal and an internet protocol signal.

8. The apparatus of claim 1, wherein said second RF signals includes one of a television signal and an internet protocol signal.

9. The apparatus of claim 1, wherein said first and second RF signals are signals transmitted from respective satellites.

10. The apparatus of claim 1, wherein said first and second RF signals are transmitted from respective terrestrial signal distribution source.

11. An apparatus, comprising:
a first signal point;
a second signal point;
a third signal point;
a first signal receiving module coupled between said first signal point and said third signal point for receiving a first RF signal from said first signal point, said first signal receiving module down-converting said first RF signal for providing a first down-converted signal at said third signal point;
a second signal receiving module coupled between said second signal point and said third signal point for receiving a second RF signal, said second signal receiving module down-converting said second RF signal for providing a second down-converted signal at said third signal point; and

a signal transmitting module coupled between said first and second signal points and said third signal point for receiving a third RF signal from said third signal point, said signal transmitting module up-converting said third RF signal for selectively providing an up-converted signal at one of said first and second signal points in response to a selection signal.

12. The apparatus of claim 11, wherein said first down-converted signal, said second down-converted signal and said third RF signal are present at said third signal point simultaneously.

13. The apparatus of claim 11, further comprising:
an antenna controller for generating said selection signal in response to a control signal from an indoor unit.

14. The apparatus of claim 12, further comprising:
an antenna controller for generating said selection signal in response to a control signal from an indoor unit.

15. The apparatus of claim 14, wherein said control signal is being present at said third signal point simultaneously with said first down-converted signal, said second down-converted signal and said third RF signal.

16. The apparatus of claim 15, wherein a GPS signal is being present simultaneously at said third signal point simultaneously with said control signal, said first down-converted signal, said second down-converted signal and said third RF signal.

17. The apparatus of claim 11, wherein said first RF signal includes one of a television signal and an internet protocol signal.

18. The apparatus of claim 11, wherein said second RF signals includes one of a television signal and an internet protocol signal.

19. The apparatus of claim 11, wherein said first and second RF signals are signals transmitted from respective satellites.

20. The apparatus of claim 11, wherein said first and second RF signals are transmitted from respective terrestrial signal distribution sources.

21. A method for processing signals, comprising the steps of:
receiving a first RF signal provided at a first signal point;
down-converting said first RF signal for providing a first down-converted signal at a third signal point;
receiving a second RF signal provided at a second signal point;
down-converting said second RF signal for providing a second down-converted signal at said third signal point;
receiving a third RF signal provided at said third signal point; and
up-converting said third RF signal for selectively providing an up-converted signal at one of said first and second signal points in response to a selection signal.

22. The method of claim 21, wherein said first down-converted signal, said second down-converted signal and said third RF signal are being present at said third signal point simultaneously.

23. The method of claim 21, further comprising the step of:
generating said selection signal in response to a control signal from an indoor unit.

24. The method of claim 22, further comprising the step of:
generating said selection signal in response to a control signal from an indoor unit.

25. The method of claim 24, wherein said control signal is being present at said third signal point simultaneously with said first down-converted signal, said second down-converted signal and said third RF signal.

26. The method of claim 25, wherein a GPS signal is being present simultaneously at said third signal point with said control signal, said first down-converted signal, said second down-converted signal and said third RF signal.

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27. The method of claim 21, wherein said first RF signal includes one of a television signal and an internet protocol signal.

28. The method of claim 21, wherein said second RF signals includes one of a television signal and an internet protocol signal.

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29. The method of claim 21, wherein said first and second RF signals are signals transmitted from respective satellites.

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30. The method of claim 21, wherein said first and second RF signals are transmitted from respective terrestrial signal distribution sources.